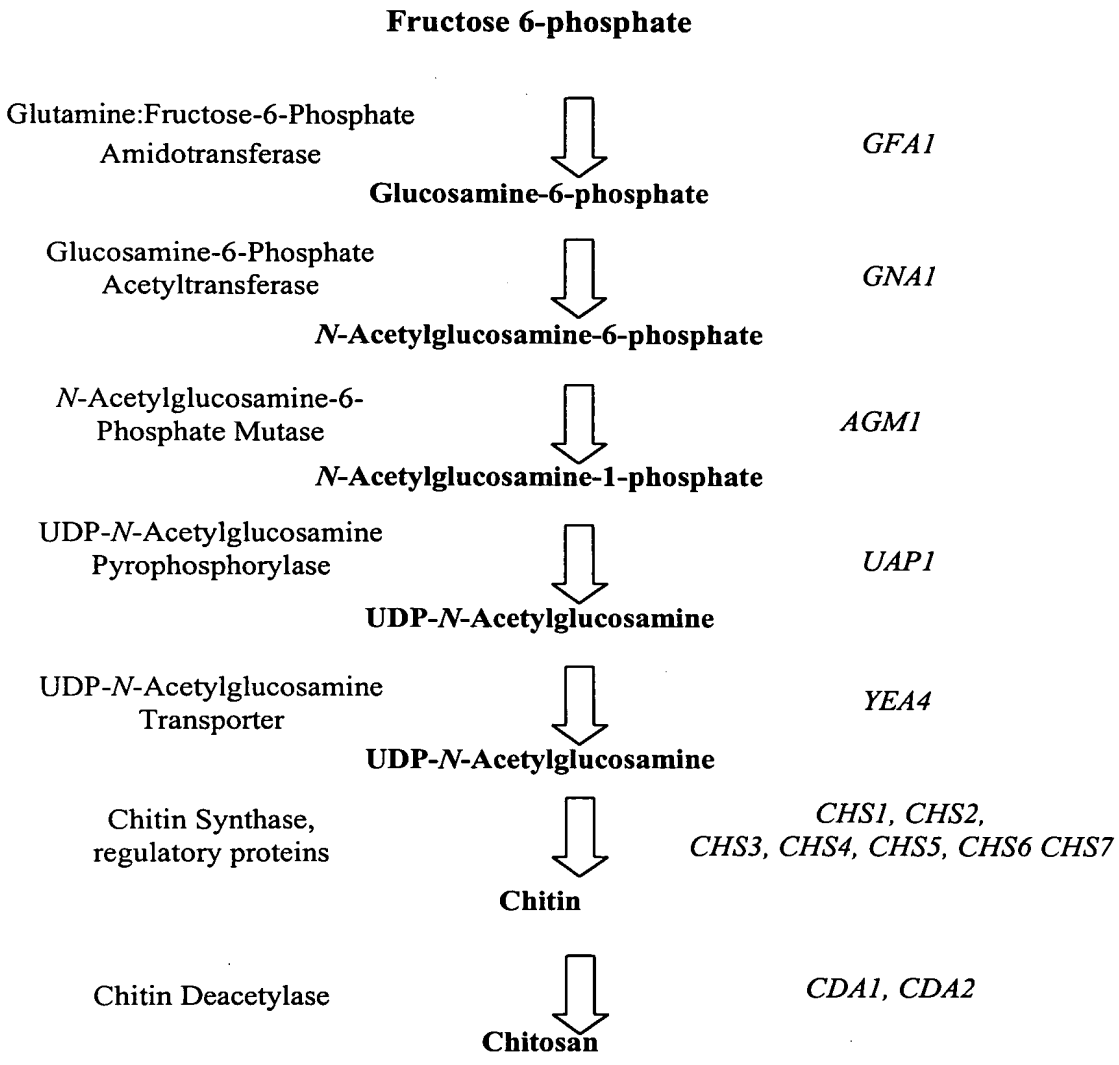
Fructose 6-phosphate
Glutamine:Fructose-6-Phosphate Amidotransferase
GFA1
Glucosamine-6-phosphate
Glucosamine-6-Phosphate Acetyltransferase
GNA1
N-Acetylglucosamine-6-phosphate
N-Acetylglucosamine-6-Phosphate Mutase
AGM1
N-Acetylglucosamine-1-phosphate
UDP-N-Acetylglucosamine Pyrophosphorylase
UAP1
UDP-N-Acetylglucosamine
UDP-N-Acetylglucosamine Transporter
YEA4
UDP-N-Acetylglucosamine
Chitin Synthase, regulatory proteins
CHS1, CHS2, CHS3, CHS4, CHS5, CHS6 CHS7
Chitin
Chitin Deacetylase
CDA1, CDA2
Chitosan

Fig. 1